BASF Corporation

BASF

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
EPA: P 633 102 301
MDNR: P 633 102 302

January 4, 1995

Ms. Bonnie Eleder - 5HE-12
Remedial Project Manager
CERCLA Enforcement Section
U.S. Environmental Protection Agency
230 S. Dearborn Street
Chicago, IL 60604

Mr. Oladipo Oyinsan, Supervisor
Michigan Dept. of Natural Resources-ERD
38980 Seven Mile Road
Livonia, MI 48152

To whom it may concern:

Subject: BASF Riverview Site Inspection Reports

Enclosed are copies of inspection reports for the time period June 1994 through December 1994.

If there are any questions, please contact me.

Very truly yours,

D. P. Thiel
Manager, Quality and Ecology Services

enc
c:\insprpt.doc

1609 Biddle Avenue, Wyandotte, Michigan 48192 (313) 246-6100

ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL

PREVENTIVE MAINTENANCE

BASF Corporation
TITLE: RIVERVIEW PROPERTY

PREPARED BY:

DATE ISSUED/REVISED: 08/24/92
CURRENT WORK ORDER: 1023732

CC No.: 30580
INSPECTION FREQUENCY: QUARTERLY
INSPECTION DUE 12/26/94

Folder No.: 1490M3.RTE
SHEET 1
Eq Code: 3058000-00

PROCEDURE

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

UPONREVIEW AND APPROVAL,RETURN THIS PM TO ENGINEERING FOR PREPARATION OF PRINTED REPORT AND FILING OF THIS PM.

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOUL READ THIS PM COMPLETELY, PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED EFFORT HAS TO OCCUR "GOING BACK".

I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

1. 1 strand barb wire broken on north fence about 100 yds. east of west fenceline.

2. Barb wire in southeast corner fence broken & two at bottom.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

I.B. 1. Are signs spaced every 100 ft.? Yes x No___

2. Make a list of missing, rusted, bent, illegible, etc., signs.

None

II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

A. Look for any "bare" areas (spots or areas which do not have plant life growing).

100 yds. S. pf N. fence inside shore area. 7' x 10' puddle of brown H_2O.

II.A. List "bare" areas. Describe size and location of bare spot.

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

5"

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes x No ___

Is there any evidence of water flowing from the Firestone property onto the site?

Yes ___ No x

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

A. Look at overall condition of the ditches.

VI.A. List any cracks in the concrete, leaking through the cracks. accumulated debris, standing water, etc.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1:

Joint 2:

Joint 3: Standing colored brown water.

Joint 4: Standing colored water. Bare patches.

Joint 5: Standing colored water. Bare patches.

Joint 6:

Joint 7:

Joint 8:

Joint 9:

Joint 10:

Joint 11:

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 12:

Joint 13:

Joint 14:

Joint 15:

Joint 16:

Joint 17: Standing brown water.

Joint 18: Bare patches w/ seepage rust colored standing water.

Joint 19: Deep orange colored water. Some blue seepage N. corner of slab.

Joint 20:

Joint 21: Bare patches (N)

Joint 22:

Joint 23:

Joint 24:

Joint 25:

Joint 26:

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 27:

Joint 29: Broken glass

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint B: Looks good

VII. Inspect each of the nine (9) monitoring wells for integrity.

VI.B. List condition of each joint.

Joint 28:

Joint 30:

Joint A: Looks good

Joint C: Looks good

Joint D: Looks good

VII. List any problems with the wells.

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: Lisa Wathen Date Inspected: 12-21-94

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ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL

PREVENTIVE MAINTENANCE

BASF Corporation
TITLE: RIVERVIEW PROPERTY

PREPARED BY: Return to John

DATE ISSUED/REVISED: 08/24/92
CURRENT WORK ORDER: 1020689

CC No.: 30580
INSPECTION FREQUENCY: QUARTERLY
INSPECTION DUE 09/26/94

Folder No.: 1490M3.RTE
SHEET 1
Eq Code: 3058000-00

PROCEDURE

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

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I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

3 strands of barbed wire @ bottom of fence @ S. trench are cut & tied to the fence creating a large gap.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

I.B. 1. Are signs spaced every 100 ft.? Yes X No___

2. Make a list of missing, rusted, bent, illegible, etc., signs.

—

II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

A. Look for any "bare" areas (spots or areas which do not have plant life growing).

1) South of joint 5/6 2' x 12'

II.A. List "bare" areas. Describe size and location of bare spot.

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

3"

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

—

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

standing water runs the length of the drainage ditch.

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

along the firestone fenceline

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes X No ___

Is there any evidence of water flowing from the Firestone property onto the site?

Yes ___ No X

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

A. Look at overall condition of the ditches.

broken glass near river.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 2: okay

Joint 4: okay

Joint 6: okay

Joint 8: okay

Joint 10: okay

VI.A. List any cracks in the concrete, leaking through the cracks. accumulated debris, standing water, etc.

VI.B. List condition of each joint.

Joint 1: okay

Joint 3: okay

Joint 5: okay

Joint 7: okay

Joint 9: okay

Joint 11: okay

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 13: okay

Joint 15: okay

Joint 17: okay

Joint 19: okay

Joint 21: okay

Joint 23: okay

Joint 25: large crack down middle.

VI.B. List condition of each joint.

Joint 12: crack in middle of slab

Joint 14: okay

Joint 16: okay - small crack down slab

Joint 18: crack down middle of slab

Joint 20: okay

Joint 22: okay

Joint 24: okay

Joint 26: crack @ joint

FOLDER NO.: 1490M3.RTE

SHEET 5

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 27: okay

Joint 29: okay

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint B: okay

VI.B. List condition of each joint.

Joint 28: crack @ joint

Joint 30: okay

Joint A: okay

Joint C: large crack

Joint D: okay

VII. Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.

rope - no samples taken or measurements.

FOLDER NO.: 1490M3.RTE SHEET 6

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: Lisa B Washut Date Inspected: 9-29-94

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ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL

PREVENTIVE MAINTENANCE

BASF Corporation
TITLE: RIVERVIEW PROPERTY

PREPARED BY:

DATE ISSUED/REVISED: 08/24/92
CURRENT WORK ORDER: 1017558

CC No.: 30580
INSPECTION FREQUENCY: QUARTERLY
INSPECTION DUE 06/27/94

Folder No.: 1490M3.RTE
SHEET 1
Eq Code: 3058000-00

PROCEDURE

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

UPONREVIEW AND APPROVAL,RETURN THIS PM TO ENGINEERING FOR PREPARATION OF PRINTED REPORT AND FILING OF THIS PM.

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I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

① barbed wire @ bottom of fence broken & bent over south ditch, 10' N. of fence

② barbed wire broken @ top of (N) fence (firestone side) 90' E. of "caution approach scale steady" sign.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

I.B. 1. Are signs spaced every 100 ft.? Yes X No___

2. Make a list of missing, rusted, bent, illegible, etc., signs.

none

II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

A. Look for any "bare" areas (spots or areas which do not have plant life growing).

1. 25' N. of S. fence; 100' E. of w. fence : 2'x4'

II.A. List "bare" areas. Describe size and location of bare spot.

none

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

35"

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

none

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

none

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

none

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes K No ___

Is there any evidence of water flowing from the Firestone property onto the site?

Yes ___ No K

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

A. Look at overall condition of the ditches.

VI.A. List any cracks in the concrete, leaking through the cracks. accumulated debris, standing water, etc.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1: okay

Joint 2: okay

Joint 3: 2 cracks between 3 & 4

Joint 4: bare spot 5'x5' S. side

Joint 5: cracked

Joint 6: cracked

Joint 7: cracked between 7 & 8

Joint 8: okay

Joint 9: okay

Joint 10: cracked

Joint 11: cracked

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 12: cracked

Joint 13: cracked

Joint 14: okay

Joint 15: cracked

Joint 16: okay

Joint 17: cracked

Joint 18: okay

Joint 19: okay

Joint 20: okay

Joint 21: okay

Joint 22: okay

Joint 23: okay

Joint 24: okay

Joint 25: okay

Joint 26: okay